Res'd PCT/PTO 24 JAN 2005;

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P03151/J		see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.					
International application No.	International filing date (day/n	nonth/year) ((Earliest) Priority Date (day/month/year)				
PCT/NZ03/00158	23 July 2003	2	24 July 2002				
Applicant			·				
JOHNSON, Garrick Ross							
This international search report has been pre Article 18. A copy is being transmitted to the		ning Authority and is	transmitted to the applicant according to				
This international search report consists of a	total of 3 sheets.		·				
It is also accompanied by a co	oy of each prior art document cite	ed in this report.					
1. Basis of the report							
	he international search was carrie wise indicated under this item.	d out on the basis of t	the international application in the language in				
the international search (Rule 23.1(b)).	vas carried out on the basis of a to	ranslation of the inter	national application furnished to this Authority				
 b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing: 							
contained in the international application in written form.							
filed together with the international application in computer readable form.							
furnished subsequently to this Authority in written form.							
furnished subsequently to this Authority in computer readable form.							
the statement that the sul application as filed has be		ence listing does not	go beyond the disclosure in the international				
the statement that the inf furnished	ormation recorded in computer re	eadable form is identi	cal to the written sequence listing has been				
2. Certain claims were found u	searchable (See Box I).						
3. Unity of invention is lacking	(See Box II).		·				
4. With regard to the title,	the text is approved as submitt	ted by the applicant.					
	the text has been established b	y this Authority to re	ad as follows:				
	•		·				
5. With regard to the abstract,	the text is approved as submit	ted by the applicant	·				
		month from the date	2(b), by this Authority as it appears in Box III. of mailing of this international search report,				
6. The figure of the drawings to be published with the abstract is Figure No. 2							
x	as suggested by the applicant.		None of the figures				
	because the applicant failed to	suggest a figure					
	because this figure better char	acterizes the invention	n				
		,					

International application No.

PCT/NZ03/00158

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Α.	CLASSIFICATION OF SUBJECT MAT	ITER		,	
Int. Cl. 7:	B25D 9/02, 9/04, E21B 1/24, 1/26, 1/3	0, 7/24			
According to	International Patent Classification (IPC) or	to both	national classification and IPC		
В.	FIELDS SEARCHED				•
Minimum docu	mentation searched (classification system follow	ved by cla	assification symbols)		
	searched other than minimum documentation to				hed
	base consulted during the international search (in D 9/02, 9/04, E21B 1/24, 1/26, 1/30, 7/26, 1/30, 1/30, 7/26, 1/30, 1/				d like terms)
C.	DOCUMENTS CONSIDERED TO BE REL	EVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages				
	US 5222425 A (DAVIES) 29 June 19	993			
X	Column 4 line 49 - column 5 line 45				1 - 2, 5 - 11
x	US 5392865 A (PIRAS) 28 February 1995 Column 4 lines 10 - 54				1 - 2, 5 - 11
Α	GB 2345931 A (BAKER HUGHES INCORPORATED) 26 July 2000 Figure 8, page 16 lines 14 - 29				
D, A	US 5549170 A (BARROW) 27 Augu Abstarct	ıst 1996	5		1-11
r	urther documents are listed in the conti	inuation	of Box C X See pa	atent family ann	nex
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance or theory underlying the invention "E" earlier application or patent but published on or after the international filing date "T" later document published after the international filing date or priority and not in conflict with the application but cited to understand the print or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step					
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special when the document is taken alone document is taken a					
"O" docum	reason (as specified) a person skilled in the art document referring to an oral disclosure, use, "&" document member of the same patent family exhibition or other means				
"P" docum		"D" do	ocument mentioned in the descripti	on	
	ual completion of the international search		Date of mailing of the internatio	nal search report	2 8 NOV 2003
	ing address of the ISA/AU		Authorized officer		
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International application No.

PCT/NZ03/00158

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

	t Document Cited in Search Report		·.	Pate	ent Family Member		ā-
US	5222425	AU	10078/92	CA	2058659	SE	9200001
		ZA	9110187				
US	5392865	AU	17287/92	CA	2069184	EP	0516561
		FÍ	922483	FR	2676953	JP	5146976
		ZA	9203479				
GB	2345931	BE	1013805	GB	2384016	GB	2384017
		GB	2384018	GB	2385080	GB	2385350
	•	GB	2385351	GB	2385618	IT	TO20000022
		US	6338390				
US	5549170	US	5800096		. ,		
							END OF ANNEX

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